

Meganova Ringlight

Benefits:

- Onboard flash controller
- Designed for the integration into Orca/Shark enclosures with 3" window
- Flashing with up to 570% nominal current possible
- Excellent heat dissipation
- Colors: R, G, B, IR, white
- Radiation angles: 14°, 23°, 36°, 76°
- Trigger in-/output
- LED protection due to emergency shut down
- Temperature monitoring possible
- Easy programming due to intuitive application surface



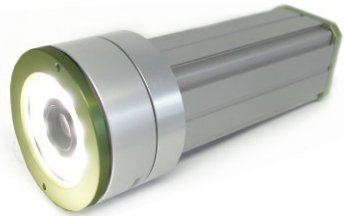
Technical Details:

Operating voltage	24VDC (+-10%)	Pulse Width	50µs - 650ms 10µs steps
Max. Power @permanent operation	12W	Max. Pulse Frequency	1000Hz
Nominal LED Current	350m@100% amplitude	Max. Pulse Delay	10µs
Amplitude Range	50 - 570% (flash)	Max. Jitter Delay	2µs
Trigger Voltage	5-24VDC	Dimensions (d x l)	84.8 x 31mm
Trigger Input Current	10mA	Inner Diameter	36mm
Programming Interface	rs232@9600Baud (TTL level)	Weight	Approx. 150g

Color	Wave Length	Light Current	Light Efficiency	LED Type
Red	623nm	600mW	59%	OSLON SSL80 LR CQ7P
Green	528nm	90lm	87lm/W	OSLON SSL80 LT CQ7P
Blue	470nm	28lm	25lm/W	OSLON SSL80 LB CQ7P
IR	850nm	770mW@1.65W	n/a	SFH 4715A
White 1	4500K	90lm	100lm/W	OSLON SSL80 LCW CR7P.CC



Meganova User Interface



Thanks to a housing adapter, the Meganova can also be used in the Salamander enclosure

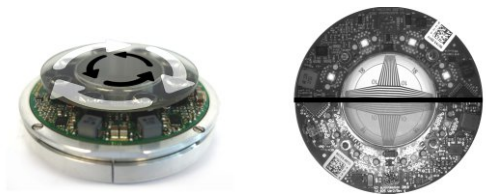
Order Numbers:

LED Color	Radiation Angle	Order Number
Red	14°	36.634.014
	23°	36.634.023
	36°	36.634.036
	76°	36.634.076
Green	14°	36.521.014
	23°	36.521.023
	36°	36.521.036
	76°	36.521.076
Blue	14°	36.465.014
	23°	36.465.023
	36°	36.465.036
	76°	36.465.076

LED Color	Radiation Angle	Order Number
White 1	14°	36.450.014
	23°	36.450.023
	36°	36.450.036
	76°	36.450.076
IR	14°	36.860.014
	23°	36.860.023
	36°	36.860.036
	76°	36.860.076

Cables	Order Number
5m Power/Trigger, angled connector	36.200.010
5m Programming, angled connector	36.200.020
5m Power/Trigger, shielded, straight	36.200.031
5m Programming, straight connector	36.200.040

Product	Image	Order Number
Diffuser Ring for Meganova - Low diffuse, 82% transm.		36.300.001
Diffuser Ring for Meganova - High diffuse, 45% transm.		36.300.002
Meganova Polarizing Ring 42% transmission		36.350.001
Polarizing Disk for Camera 42% transmission		36.350.002



You can eliminate reflections by twisting the polarizing ring/disk against each other. Comparison with and without twisted polarizing disk and ring.